

CUCUMBER VARIETY TRIALS - 1969  
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER  
VEGETABLE CROPS BRANCH, MARIETTA, OHIO

Walter N. Brown  
Harold M. Racer

DEPARTMENT OF HORTICULTURE  
Ohio Agricultural Research and Development Center  
Wooster, Ohio  
Horticulture Mimeograph Series No. 365, August 6, 1970



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Ohio Agricultural Research and Development Center  
Vegetable Crops Branch, Marietta, Ohio

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CUCUMBER VARIETY TRIALS - 1969\*  
Marietta, Ohio

Walter N. Brown<sup>1</sup> and Harold M. Racer<sup>2</sup>

Seventeen varieties or hybrids of cucumbers were evaluated in the 1969 trials. These varieties were compared as to their marketable yield and disease resistance. The results are given in Table I.

Cultural Information

Seed sowed: April 23, in 2½ inch peat pots, set in field May 15.  
Fertilizer: 800 lbs./A of 10-20-20 broadcast after plowing, before disking.  
Spacing: 6' x 3' thinned to 3 plants per plot, 50 ft. rows.  
Pesticides: Ziram plus sevin at 5 to 7 day intervals beginning May 14 to June 19. Dust form before vining and spray afterwards.

Sources of Seed

<u>Code</u>	<u>Source</u>
A-2	Asgrow Seed Company, Orange, Conn. 06477
B-1	W. Atlee Burpee Co., P. O. Box 6929, Philadelphia, Pa. 19132
F-1	Ferry-Morse Seed Co., P. O. Box 398, Racine, Wisc. 53401
H-1	Joseph Harris Co., Inc., Moreton Farm, Rochester, N. Y. 14624
L-2	Letherman's Inc., 501 McKinley Ave., N.W., Canton, Ohio 44702
N-3	Niagara Chem. Div., FMC Corp., Middleport, N. Y. 14105
S-1	Stokes Seed, Ltd., Box 15, 86-88 Exchange St., Buffalo, N. Y. 14205
T-4	Otis S. Twilley Seed Co., Salisbury, Md. 21801

Table Footnotes

- a. Percentages of season's marketable based on gross season's yield (weight).
- b. Percentages of season's culls based on gross season's yield (weight).
- c. Percentages based on total number of fruit.
- d. Average fruit size: weight of marketable fruits divided by number

1. Dept. of Horticulture, Ohio Agric. Res. & Devel. Cent., 2001 Fyffe Ct. Columbus, Ohio 43210. Deceased, July 24, 1969

2. Supt. Veg. Crops Branch, O.A.R.D.C., Masonic Park Rd., Devola, Marietta, Ohio 45750

\* As of November 13, 1969, all projects were terminated and the Vegetable Crops Branch at Marietta was discontinued. Any questions should be directed to either Vegetable Crops, OARDC, Wooster, Ohio, 44691, of Vegetable Crops, 2001 Fyffe Ct., Columbus, Ohio 43210.

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TABLE I

CUCUMBER VARIETY TRIALS  
VEGETABLE CROPS BRANCH, Marietta, Ohio 1969

VC- '69 p.2

Variety, Lot Number and Source			Total Harvest				Scab Count	Mosaic Count	Avg Fruit Size		
			Marketable		Culls					Total	
			No.	Wt.	No.	Wt.	No.	Wt.	No.	No.	
1.	Shamrock 136C	S-1	1616	991.2 82.0 <sup>a</sup>	486	217.9 18.0 <sup>b</sup>	2102	1209.1	162 7.7 <sup>c</sup>	22 1.0 <sup>c</sup>	.613 <sup>d</sup>
2.	Table Treat 13742	F-1	1574	1054.6 81.8	447	234.4 18.2	2021	1289.0	127 6.3	71 3.5	.670
3.	Princess 032009	H-1	1292	833.9 84.4	276	154.2 15.6	1568	988.1	32 2.0	1 0.06	.645
4.	Hyb. XP 51 P.C. 6871	A-2	1704	1080.4 86.3	333	171.8 13.7	2037	1252.2	177 8.7	1 0.05	.634
5.	Hyb. XP 52 P.C. 6870-73	A-2	1755	1134.1 86.0	364	184.0 14.0	2119	1318.1	163 7.7	1 0.05	.646
6.	Hyb. XP 53 P.C. 6872	A-2	1550	1038.8 84.7	343	186.9 15.3	1893	1225.7	184 9.7	3 0.1	.670
7.	High Mark II 27274	A-2	1592	1072.5 84.7	368	193.5 15.3	1960	1266.0	223 11.4	3 0.1	.674
8.	Gemini 44713 353	A-2 T-4	1583	1013.4 86.8	320	154.0 13.2	1903	1167.4	135 7.1	3 0.1	.640
9.	Meridian T AB 18	H-1	1690	1131.0 85.2	389	197.0 14.8	2079	1328.0	187 9.0	-	.669
10.	Saticoy 1489436	H-1	1560	1073.9 82.6	388	226.0 17.4	1948	1299.9	223 11.4	20 1.0	.688
11.	Challenger 1497	H-1	1480	1033.8 77.2	489	304.8 22.8	1869	1338.6	341 17.3	-	.698
12.	M & M Hyb. 6257	B-1	1369	940.6 83.8	346	182.2 16.2	1715	1122.8	180 10.5	2 0.1	.687
13.	Spartan Valor 1206M-403	L-2	1467	900.0 78.3	577	250.1 21.7	2044	1150.1	182 8.9	6 0.3	.613

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Variety, Lot Number and Source	Total Harvest						Scab Count	Mosaic Count	Avg. Fruit Size
	Marketable		Culls		Total				
	No.	Wt.	No.	Wt.	No.	Wt.	No.	No.	
14. Triumph 1516S-404 L-2	1544	1039.0 84.4	370	192.2 15.6	1914	1231.2	195 10.2	3 0.1	.673
15. Marketmore 1326F L-2	1464	907.8 83.9	364	174.4 16.1	1828	1082.2	177 9.7	-	.620
16. Hybrid 5750 N-3	1343	901.1 81.9	403	198.5 18.1	1746	1099.6 7.7	134 7.7	-	.671
G. Marketer 16824 F-1	1419	913.8 75.6	612	294.1 24.4	2031	1207.9	133 6.5	106 5.2	.644

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